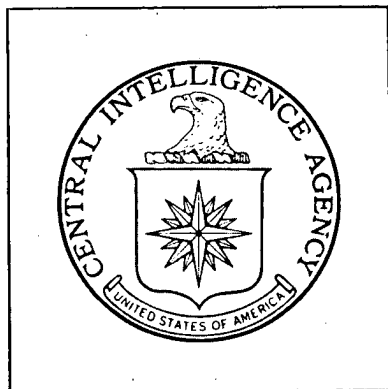


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

**Major Electric Power Plants
Heilungkiang Province, China**

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report updates previous basic reporting on six of the major electric power plants in Heilungkiang Province, northeastern China. The report is based on photography from late 1969 through November 1970.

Four of the plants were seen on interpretable photography and appeared unchanged since the previous report. Poor-quality and small-scale photography precluded detailed analysis of the Chi-hsi and Fu-la-erh-chi plants.

On the latest coverage, five of the six plants were operating and the sixth appeared to be operating.

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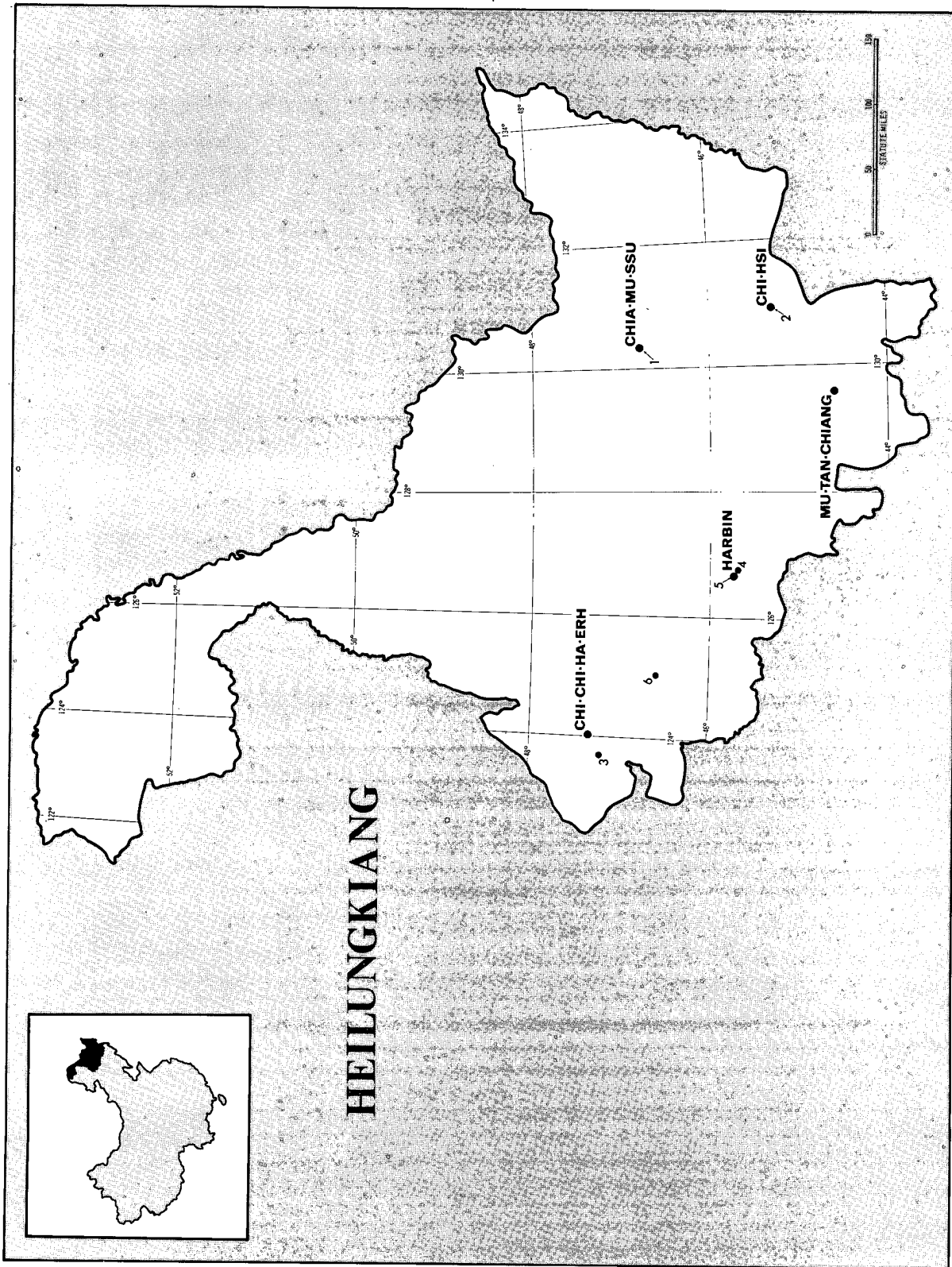


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report covers the following six major thermal power plants in Heilungkiang Province (see Figure 1).

1. Chia-mu-ssu Thermal Power Plant
2. Chi-hsi Thermal Power Plant
3. Fu-la-erh-chi Heat and Thermal Power Plant
4. Ha-erh-pin (Harbin) Heat and Thermal Power Plant
5. Ha-erh-pin Thermal Power Plant
6. Sa-erh-tu Thermal Power Plant

Requirement

COMIREX NO1
Support Number 421943

Document

CIA. RCS 13/0019/70, Major Electric Power Plants Heilungkiang Province, China, December 1969, (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Chi-hsi Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
52TFF540157	45-16-58N 130-58-22E	
MAP REFERENCE		
548th RTS. USATC, Series 200, Sheet M0283-20HL, 3rd ed, Mar 69, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

Poor-quality and small-scale photography preclude identification of changes at Chi-hsi Thermal Power Plant since February 1969, the date of the latest photography used in the previous report.

The plant was operating when observed in March 1970. Heavy smoke was emanating from two of the three stacks and vapor from five of the six natural-draft cooling towers.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Fu-la-erh-chi Heat and Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
51TWN462256	47-11-20N 123-36-40E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0283- 6HL, 3rd ed, Sep 69, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

Poor-quality and small-scale photography preclude identification of changes at Fu-la-erh-chi Heat and Thermal Power Plant since June 1969, the date of the latest photography used in the previous report.

The plant was operating when observed in December 1969. Smoke was emanating from both of the stacks.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Sa-erh-tu Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
51TXM607543	46-32-06N 125-05-22E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0283-7HL, 2nd ed. Apr 68. Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at the Sa-erh-tu Thermal Power Plant since May 1969, the date of the latest photography used in the previous report.

When observed in December 1969, one of the six stacks and two of the six cooling towers at the plant were observed operating. Three stacks and three cooling towers were not operating. The remaining two stacks and cooling tower were obscured by smoke or vapor. The plant was operating in March 1970 as indicated by smoke emanating from the stack area and vapor from four cooling towers. A cloud covered most of the boilerhouse area and precluded a determination of the number of stacks emitting smoke.

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